

Amino Acid Sequence of the C2B8 Heavy Chain.

MGWSLILLFLVAVATRVLSQVQLQQPGAELVKPGASVKMSCKASGYTFTSYNM
HWVKQTPGRGLEWIGAIYPGNGDTSYNQKFKGKATLTADKSSSTAYMQLSSLTS
EDSAVYYCARSTYYGGDWYFNVWGAGTTVTVSAASTKGPSVFPLAPSSKSTSG
GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPS
LGTQTYICNVNHKPSNTKVDKKAEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKP
KDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTY
RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPS
RDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSK
LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSPGK*

Amino Acid Sequence of the C2B8 Domain Deleted Heavy Chain

MGWSLILLFLVAVATRVLSQVQLQQPGAELVKPGASVKMSCKASGYTFTSYNM
HWVKQTPGRGLEWIGAIYPGNGDTSYNQKFKGKATLTADKSSSTAYMQLSSLTS
EDSAVYYCARSTYYGGDWYFNVWGAGTTVTVSAASTKGPSVFPLAPSSKSTSG
GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPS
LGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDE
LTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTV
DKSRWQQGNVFSCSVMHEALHNHYTQKSLSPGK*

Fig 1

Nucleotide Sequence of the C2B8 Heavy Chain

A
ATGGGTTGGAGCCTCATCTTGCTCTTCCTTGTCGCTGTTGCTACGCGTGTCTGTCCC
AGGTACAACCTGCAGCAGCCTGGGGCTGAGCTGGTGAAGCCTGGGGCCTCAGTGAAG
ATGTCCTGCAAGGCTTCTGGCTACACATTTACCAGTTACAATATGCACTGGGTAAAA
CAGACACCTGGTCGGGGCCTGGAATGGATTGGAGCTATTTATCCCGGAAATGGTGAT
ACTTCCTACAATCAGAAGTTCAAAGGCAAGGCCACATTGACTGCAGACAAATCCTCC
AGCACAGCCTACATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCGGTCTATTAC
TGTGCAAGATCGACTTACTACGGCGGTGACTGGTACTTCAATGTCTGGGGCGCAGGG
ACCACGGTCACCGTCTCTGCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCA
CCCTCCTCCAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGAC
TACTTCCCCGAACCGGTGACGGTGTCTGGAAGTCAAGGCGCCCTGACCAGCGGCGTG
CACACCTTCCCGGTGTCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGA
CCGTGCCCTCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGC
CCAGCAACACCAAGGTGGACAAGAAAGCAGAGCCCAAATCTTGTGACAAAACCTCAC
ACATGCCCACCGTGCCAGCACCTGAACCTCTGGGGGGACCGTCAGTCTTCTCTTCC
CCCCAAAACCCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTACATGCGTGG
TGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGC
GTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTA
CCGTGTGGTCAGCGTCTCACCCTCTGCACCAGGACTGGCTGAATGGCAAGGAGTA
CAAGTGCAAGGTCTCCAACAAAGCCCTCCAGCCCCCATCGAGAAAACCATCTCCAA
AGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATG
AGCTGACCAAGAACCAGGTGACCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCG
ACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCAGC
CCTCCCGTGTCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACA
AGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGC
ACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Nucleotide Sequence of the C2B8 Domain Deleted Heavy Chain

B
ATGGGTTGGAGCCTCATCTTGCTCTTCCTTGTCGCTGTTGCTACGCGTGTCTGTCCC
AGGTACAACCTGCAGCAGCCTGGGGCTGAGCTGGTGAAGCCTGGGGCCTCAGTGAAG
ATGTCCTGCAAGGCTTCTGGCTACACATTTACCAGTTACAATATGCACTGGGTAAAA
CAGACACCTGGTCGGGGCCTGGAATGGATTGGAGCTATTTATCCCGGAAATGGTGAT
ACTTCCTACAATCAGAAGTTCAAAGGCAAGGCCACATTGACTGCAGACAAATCCTCC
AGCACAGCCTACATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCGGTCTATTAC
TGTGCAAGATCGACTTACTACGGCGGTGACTGGTACTTCAATGTCTGGGGCGCAGGG
ACCACGGTCACCGTCTCTGCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCA
CCCTCCTCCAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGAC
TACTTCCCCGAACCGGTGACGGTGTCTGGAAGTCAAGGCGCCCTGACCAGCGGCGTG
CACACCTTCCCGGTGTCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGA
CCGTGCCCTCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGC
CCAGCAACACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACCTCAC
ACATGCCCACCGTGCCAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCA
TCCCGGGATGAGCTGACCAAGAACCAGGTGACCTGACCTGCCTGGTCAAAGGCTTC
TATCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTA
CAAGACCACGCCTCCCGTGTCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTC
ACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT
GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Fig 2

Nucleotide Sequence of the C2B8 Light Chain

3 A
ATGGATTTTCAGGTGCAGATTATCAGCTTCCTGCTAATCAGTGCTTCAGTCAT
AATGTCCAGAGGACAAATTGTTCTCTCCCAGTCTCCAGCAATCCTGTCTGCAT
CTCCAGGGGAGAAGGTCACAATGACTTGCAGGGCCAGCTCAAGTGTAAGTTA
CATCCACTGGTTCAGCAGAAGCCAGGATCCTCCCCCAAACCCTGGATTTAT
GCCACATCCAACCTGGCTTCTGGAGTCCCTGTTTCGCTTCAGTGGCAGTGGGTC
TGGGACTTCTTACTCTCTCACAATCAGCAGAGTGGAGGCTGAAGATGCTGCC
ACTTATTACTGCCAGCAGTGGACTAGTAACCCACCCACGTTTCGGAGGGGGGA
CCAAGCTGGAAATCAAACGTACGGTGGCTGCACCATCTGTCTTCATCTTCCCG
CCATCTGATGAGCAGTTGAAATCTGGAAGTGCCTCTGTTGTGTGCCTGCTGAA
TAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAGGTGGATAACGCCCTC
CAATCGGGTAACTCCCAGGAGAGTGTACACAGAGCAGGACAGCAAGGACAGC
ACCTACAGCCTCAGCAGCACCCCTGACGCTGAGCAAAGCAGACTACGAGAAA
CACAAAGTCTACGCCTGCGAAGTCACCCATCAGGGCCTGAGCTCGCCCGTCA
CAAAGAGCTTCAACAGGGGAGAGTGTTGA

Amino Acid Sequence of the C2B8 Light Chain

3 B
MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSPGGEKVTMTCRASSSVSYIHW
QQKPGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQW
TSNPPTFGGGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQ
WKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEVTHQG
LSSPVTKSFNRGEC*

Fig 3

Amino Acid Sequence of the HuCC49 Domain Deleted Heavy Chain

+A
MGWSLILLFLVAVATRVLSQVQLVQSGAEVVKPGASVKISCKASGYTFTDHAIH
WVKQNPGRLEWIGYFSPGNDDFKYNERFKGKATLTADTSASTAYVELSSLRSE
DTAVYFCTRSLNMAIYWGQGLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYIC
NVNHKPSNTKVDKKVEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQ
QGNVFSCSVMEALHNHYTQKSLSLSPGK*

Nucleotide Sequence of the HuCC49 Domain Deleted Heavy Chain

+B
ATGGGTTGGAGCCTCATCTTGCTCTTCCTTGTCGCTGTTGCTACGCGTGTCTG
TCCCAGGTCCAGCTGGTGCAGTCCGGCGCTGAGGTGGTGAAACCTGGGGCTT
CCGTGAAGATTTCTGCAAGGCAAGCGGCTACACCTTCACTGATCACGCAAT
CCACTGGGTGAAACAGAATCCTGGACAGCGCCTGGAGTGGATTGGATATTTT
TCTCCCGGAAACGATGATTTTAAGTACAATGAGAGGTTCAAGGGCAAGGCCA
CACTGACTGCAGACACATCTGCCAGCACTGCCTACGTGGAGCTCTCCAGCCT
GAGATCCGAGGATACTGCAGTGTACTTCTGCACAAGATCCCTGAATATGGCC
TACTGGGGACAGGGAACCCTGGTCACCGTCTCCAGCGCTAGCACCAAGGGCC
CATCGGTCTTCCCCCTGGCACCCCTCCTCCAAGAGCACCTCTGGGGGCACAGC
GGCCCTGGGCTGCCTGGTCAAGGACTACTTCCCCGAACCGGTGACGGTGTCTG
TGGAATCAGGCGCCCTGACCAGCGGCGTGCACACCTTCCCGGCTGTCCTAC
AGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCCTCCAGCAG
CTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAACACC
AAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAACTCACACATGCC
CACCGTGCCCAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATC
CCGGGATGAGCTGACCAAGAACCAGGTGAGCCTGACCTGCCTGGTCAAAGGC
TTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGA
ACAATAACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC
TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCT
CATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCT
CTCCCTGTCTCCGGGTAAATGA

Fig. 4

Amino Acid Sequence of the HuCC49 Light Chain

-A MDSQAQVLMLLLWVSGTCGDIVMSQSPDSLAVSLGERVTLNCKSSQSLLYSGN
QKNYLA WYQQKPGQSPKLLIYWASARESGVPDFSGSGSGTDFTLTISVQAED
VAVYYCQQYYSYPLTFGAGTKLELKRTVAAPSVFIFPPSDEQLKSGTASVVCLLN
NFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSYSTLSSTLTLSKADYEKHK
VYACEVTHQGLSSPVTKSFNRGEC*

Nucleotide Sequence of the HuCC49 Light Chain

5' ATGGATAGCCAGGCCAGGTGCTCATGCTCCTGCTGCTGTGGGTGAGCGGCA
CATGCGGCGACATCGTGATGAGCCAGTCTCCAGACTCCCTGGCCGTGTCCCT
GGGCGAGAGGGTGACTCTGAATTGCAAGTCCAGCCAGTCCCTGCTCTATAGC
GGAAATCAGAAGAACTATCTCGCCTGGTATCAGCAGAAACCAGGGCAGAGC
CCTAAACTGCTGATTTACTGGGCATCCGCTAGGGAATCCGGCGTGCCTGATCG
CTTCAGCGGCAGCGGATCTGGGACAGACTTCACTCTGACAATCAGCAGCGTG
CAGGCAGAAGACGTGGCAGTCTATTATTGTCAGCAGTATTATAGCTATCCCCT
CACATTCGGCGCTGGCACCAAGCTGGAACGTAAACGTACGGTGGCTGCACCA
TCTGTCTTCATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAACGCTC
TGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAGTGG
AAGGTGGATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTCACAGAGC
AGGACAGCAAGGACAGCACCTACAGCCTCAGCAGCACCTGACGCTGAGCA
AAGCAGACTACGAGAAACACAAAGTCTACGCCTGCGAAGTCACCCATCAGG
GCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGTTGA

Amino Acid Sequence of C5E10 Heavy Chain

4. MAVLALLFCLVTFPSCILSQVQLKESGPGLVAPSQSL SITCTVSGFSLTDYGVNWV
RQPPGKGLEWLGM IWDNGRTDYN SALKSRLSINKDNSKSQVFLKMTSLQTDDTA
RYYCARCYYGSSPYFDYWGQGTTLT VSSASTKGPSVFPLAPSSKSTSGGTAALGC
LVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYIC
NVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRT
PEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVL
HQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQ
GNVFSCSVMHEALHNHYTQKSLSLSPGK

Amino Acid Sequence of C5E10 Domain Deleted Heavy Chain

3. MAVLALLFCLVTFPSCILSQVQLKESGPGLVAPSQSL SITCTVSGFSLTDYGVNWV
RQPPGKGLEWLGM IWDNGRTDYN SALKSRLSINKDNSKSQVFLKMTSLQTDDTA
RYYCARCYYGSSPYFDYWGQGTTLT VSSASTKGPSVFPLAPSSKSTSGGTAALGC
LVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYIC
NVNHKPSNTKVDKKVEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDELTKNQVSL
TCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQ
GNVFSCSVMHEALHNHYTQKSLSLSPGK

Nucleotide Sequence of C5E10 Heavy Chain

4
ATGGCTGTCTTAGCGCTACTCTTCTGCCTGGTAACATTCCCAAGCTGTATCCTTTCCC
AGGTGCAGCTGAAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCA
TCACATGCACCGTCTCAGGGTTCTCATTAACCGACTATGGTGTAAACTGGGTTTCGCCA
GCCTCCAGGAAAGGGTCTGGAGTGGCTTGGAATGATATGGGATAATGGAAGAACAG
ACTATAATTAGCTCTCAAATCCAGACTGAGCATCAACAAGGACAACCTCCAAGAGCC
AAGTTTTCTTAAAAATGACCAGTCTGCAAACCTGATGACACAGCCAGGTACTACTGTG
CCAGATGCTATTACGGTAGTAGCCCTTACTTTGACTACTGGGGCCAAGGCACCACTC
TCACCGTCTCCTCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCACCCCTCCTC
CAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCC
CGAACCGGTGACGGTGTCTGGAACCTCAGGCGCCCTGACCAGCGGCGTGCACACCTT
CCCGGTGTCTACAGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCC
TCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAAC
ACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACCTCACACATGCCC
ACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCTTCTTCCCCCAA
ACCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTACATGCGTGGTGGTGGG
CGTGAGCCACGAAGACCCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGG
TGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTG
GTCAGCGTCTCACCCTGCTGACCAAGGACTGGCTGAATGGCAAGGAGTACAAGTGC
AAGGTCTCCAACAAAGCCCTCCAGCCCCCATCGAGAAAACCATCTCCAAGCCAAA
GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACC
AAGAACCAGGTGAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCC
GTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACCTACAAGACCACGCCTCCCGT
GCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAAGAGCAG
GTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCA
CTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Nucleotide Sequence of C5E10 Domain Deleted Heavy Chain

23
ATGGCTGTCTTAGCGCTACTCTTCTGCCTGGTAACATTCCCAAGCTGTATCCTTTCCC
AGGTGCAGCTGAAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCA
TCACATGCACCGTCTCAGGGTTCTCATTAACCGACTATGGTGTAAACTGGGTTTCGCCA
GCCTCCAGGAAAGGGTCTGGAGTGGCTTGGAATGATATGGGATAATGGAAGAACAG
ACTATAATTAGCTCTCAAATCCAGACTGAGCATCAACAAGGACAACCTCCAAGAGCC
AAGTTTTCTTAAAAATGACCAGTCTGCAAACCTGATGACACAGCCAGGTACTACTGTG
CCAGATGCTATTACGGTAGTAGCCCTTACTTTGACTACTGGGGCCAAGGCACCACTC
TCACCGTCTCCTCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCACCCCTCCTC
CAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCC
CGAACCGGTGACGGTGTCTGGAACCTCAGGCGCCCTGACCAGCGGCGTGCACACCTT
CCCGGTGTCTACAGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCC
TCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAAC
ACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACCTCACACATGCCC
ACCGTGCCCAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGA
TGAGCTGACCAAGAACCAGGTGAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAG
CGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACCTACAAGACCA
CGCCTCCCGTGTCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGG
CAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCT
GCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Fig. 7

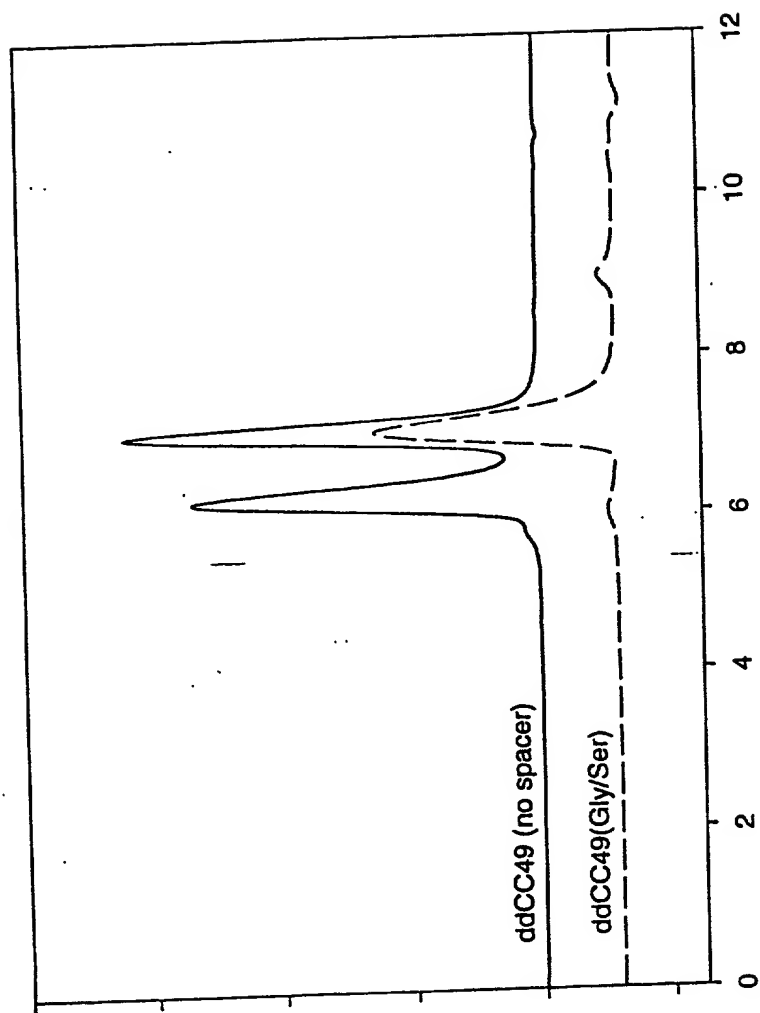
Nucleotide Sequence of C5E10 Light Chain

A
ATGGGCATCAAGATGGAGTCACATTCTCTGGTCTTTGTATACATGTTGCTGTG
GTTGTCTGGTGTTGAAGGAGACATTGTGATGATCCAGTCTCACAAATTCATGT
CCACATCAGTAGGAGACAGGGTCAGCATCACCTGCAAGGCCAGTCAGGATGT
GGGTACTGCTGTCGCCTGGTATCAACAGAAACCAGGACAATCTCCTAAACTA
CTGATTACTGGTCATCCACCCGGCACACTGGAGTCCCTGATCGCTTCACAGG
CAGTGGATCTGGGACAGATTTCACTCTCACCATTAGCAATGTGCAGTCTGAA
GACTTGGCAGATTATTTCTGTGAGTTATATAGCAGCTATCCTCTCACGTTCCGG
AGGGGGGACCAAGCTGGAAATCAAACGTACGGTGGCTGCACCATCTGTCTTC
ATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAAGTGCCTCTGTTGTGTG
CCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAGGTGGAT
AACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTACAGAGCAGGACAGC
AAGGACAGCACCTACAGCCTCAGCAGCACCCCTGACGCTGAGCAAAGCAGAC
TACGAGAAACACAAAGTCTACGCCTGCGAAGTCACCCATCAGGGCCTGAGCT
CGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGTTGA

Amino Acid Sequence of C5E10 Light Chain

B
MGIKMESHSLVFVYMLLWLSGVEGDIVMIQSHKFMSTSVGDRVSITCKASQDVG
TAVAWYQQKPGQSPKLLIYWSSTRHTGVPDRFTGSGSGTDFTLTISNVQSEDLAD
YFCQLYSSYPLTFGGGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYP
REAKVQWKVDNALQSGNSQESVTEQDSKDSYSLSTLTLSKADYEKHKVYAC
EVTHQGLSSPVTKSFNRGEC

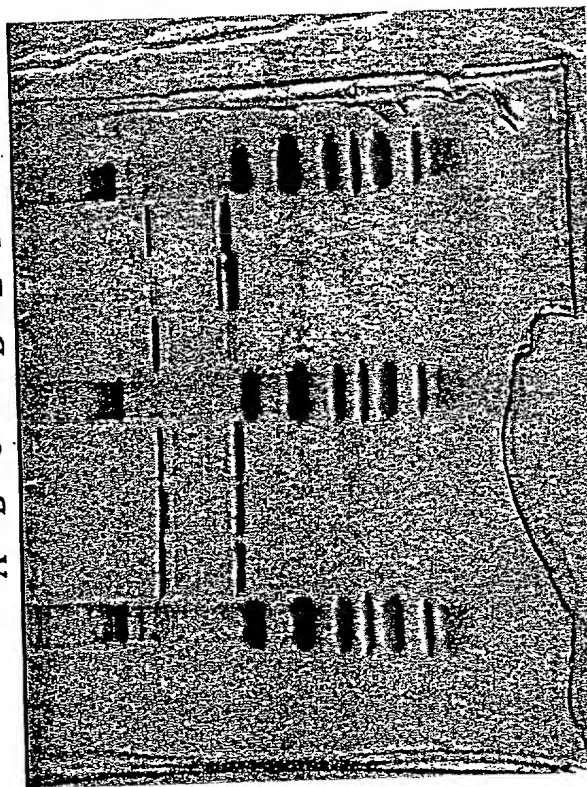
Fig. 8



Retention Time (min)

Fig. 9

A B C D E F



Legend:

A: Run #: 1

B: Run #: 2

C: Run #: 3

ddCC49

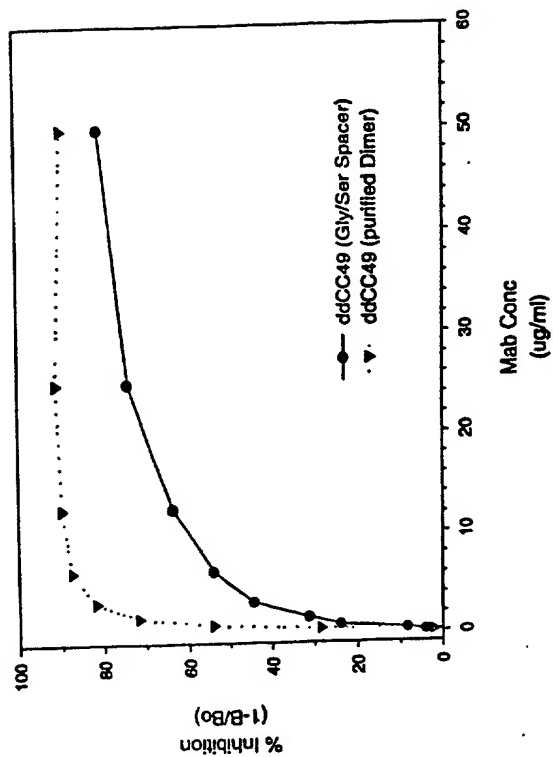
D. Purified ddCC49 (240 kDa)

E. Purified ddCC49 (120 kDa)

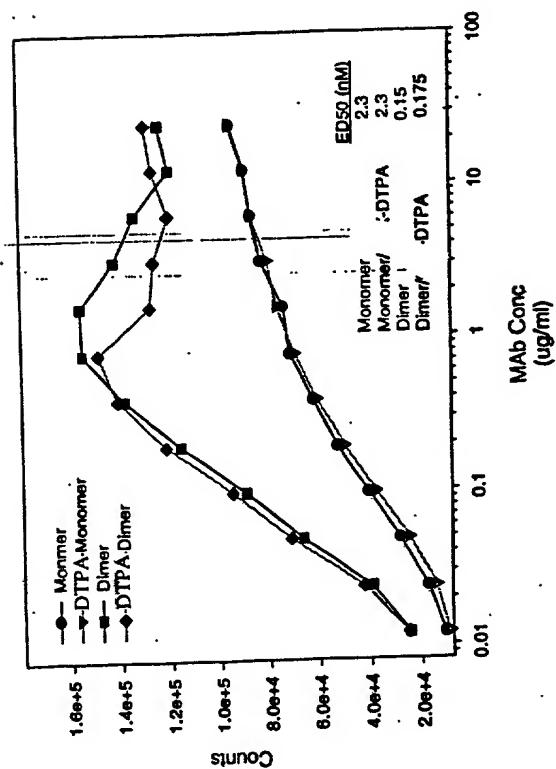
F. ddCC49(Gly/Ser)

Fig. 10

Fig. 11



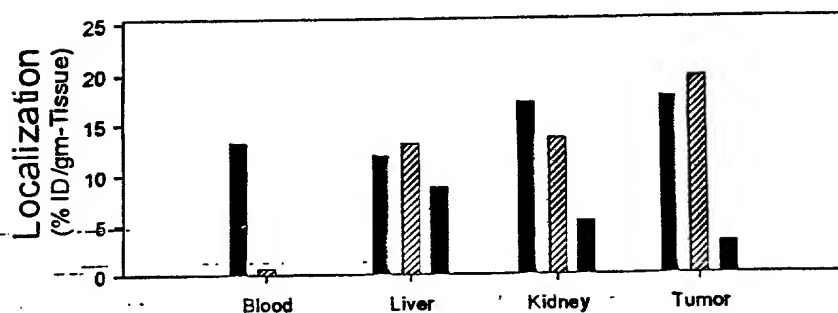
11 B



11 A

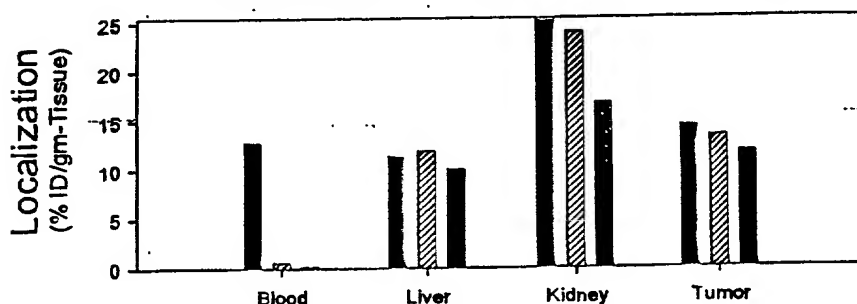
Fig. 12

Biodistribution of ^{111}In -ddCC49 (Gly/Ser) Spacer



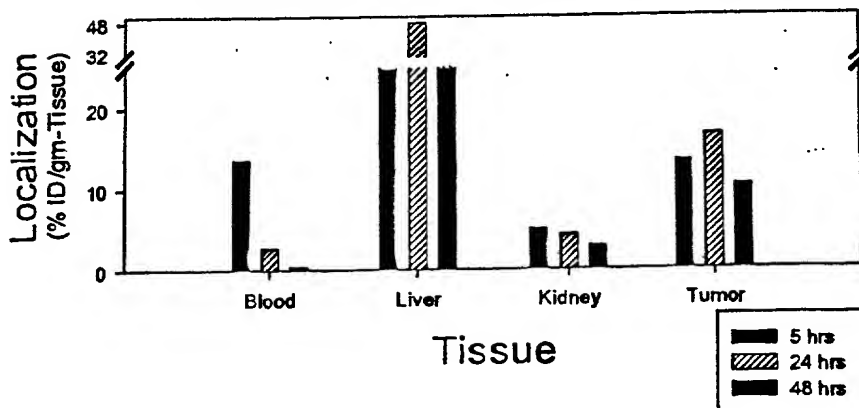
12 A

Biodistribution of ^{111}In -ddCC49, 120 kD Fraction



12 B

Biodistribution of ^{111}In -ddCC49, 240 kD Fraction



12 C

Fig. 13

